AMENDMENTS TO THE DRAWINGS

The attached drawing sheets include Formal Drawings for all drawings.

Attachment: Formal Drawings for all drawings
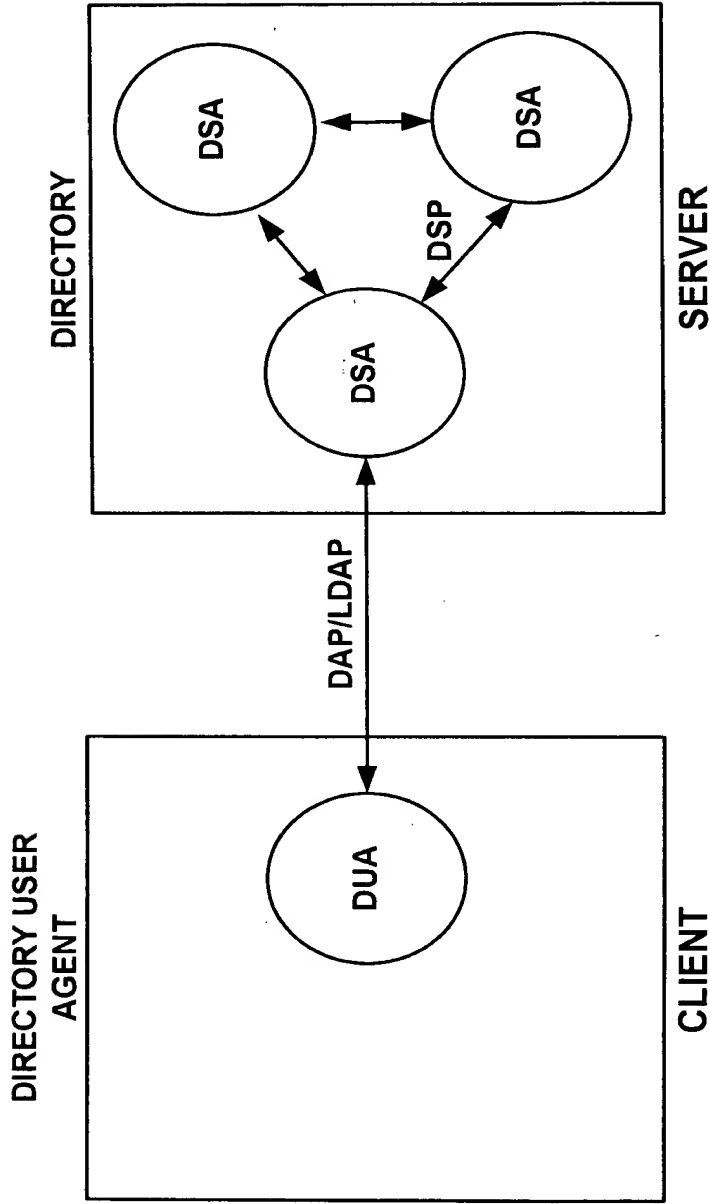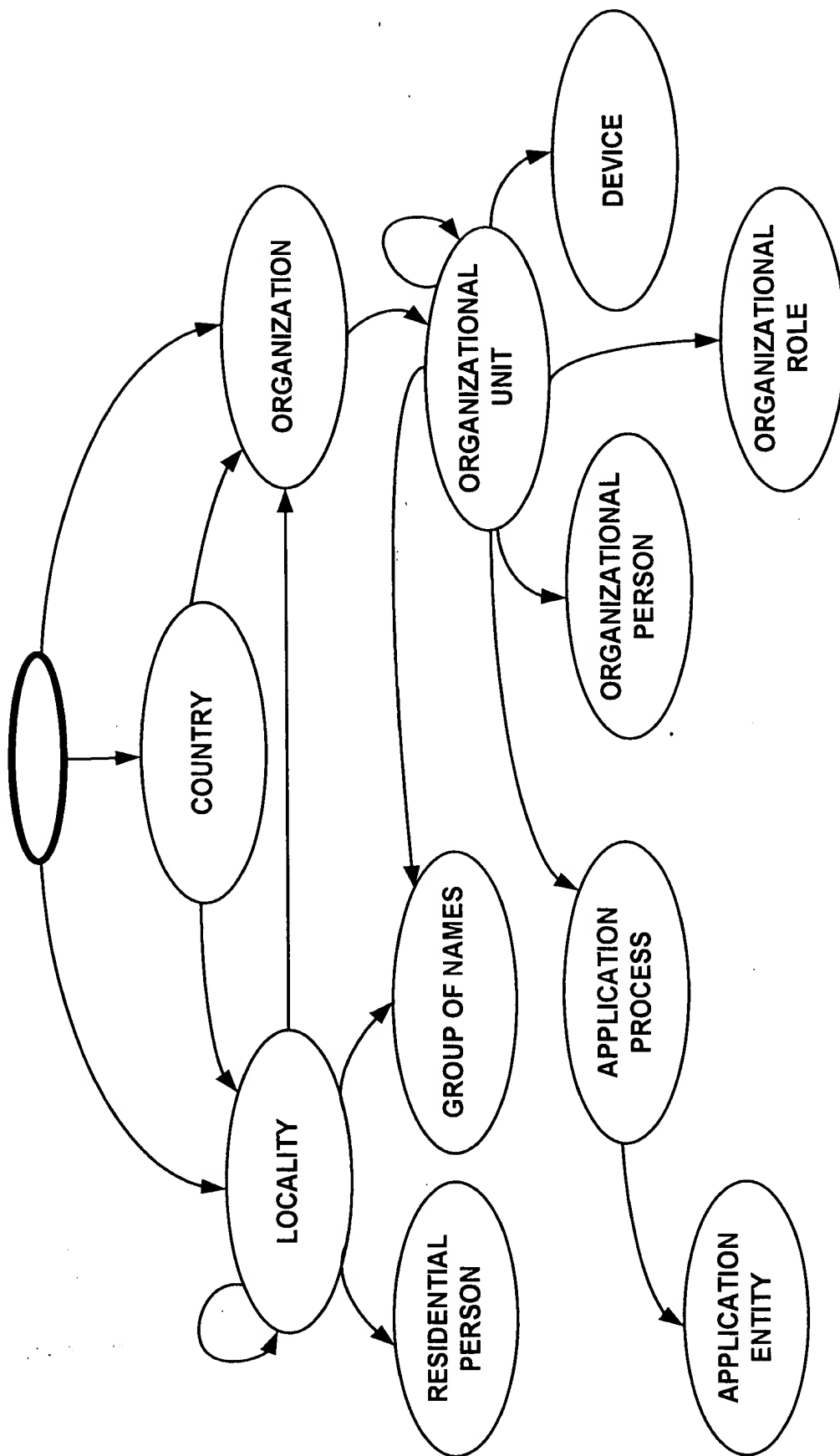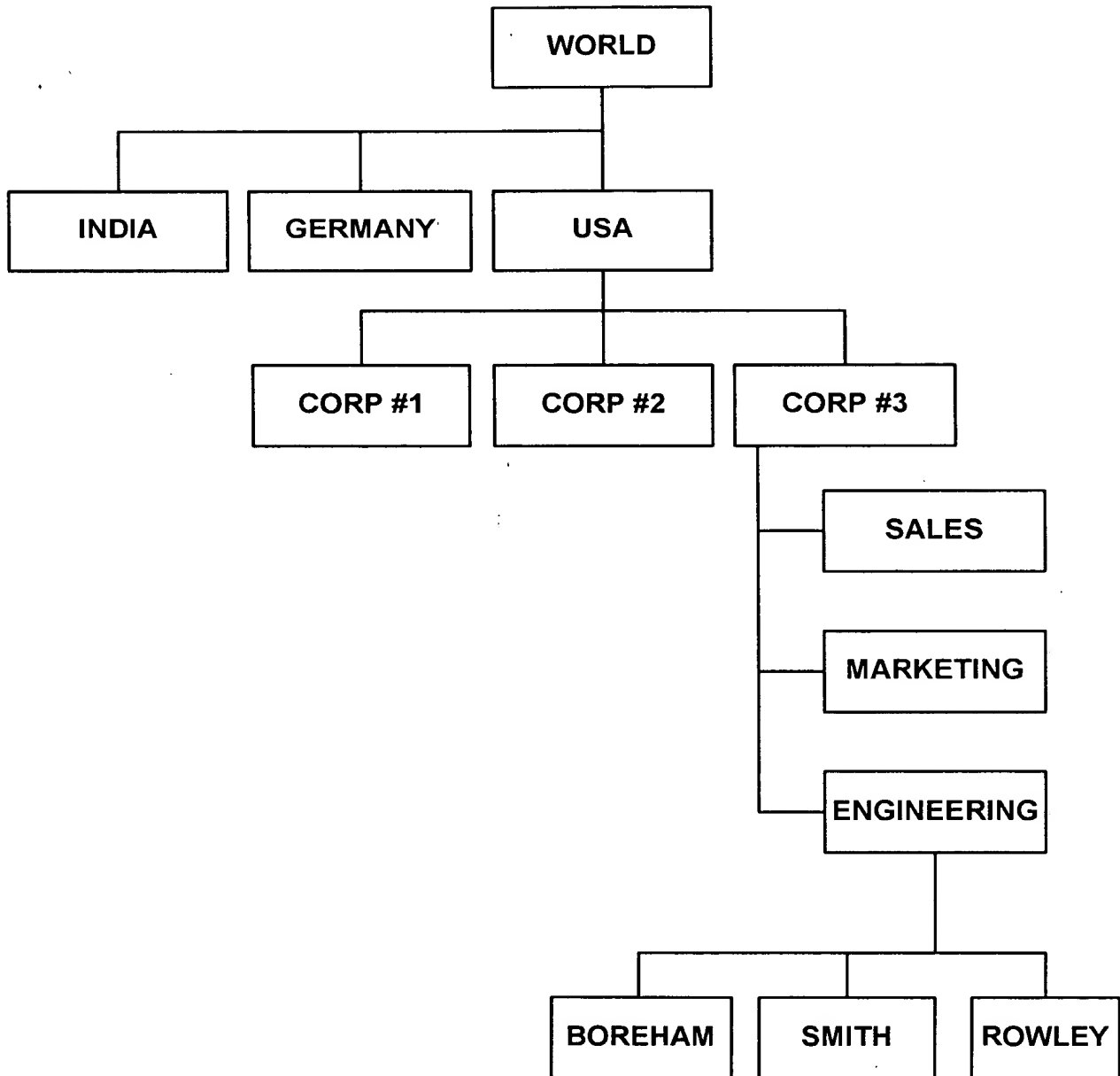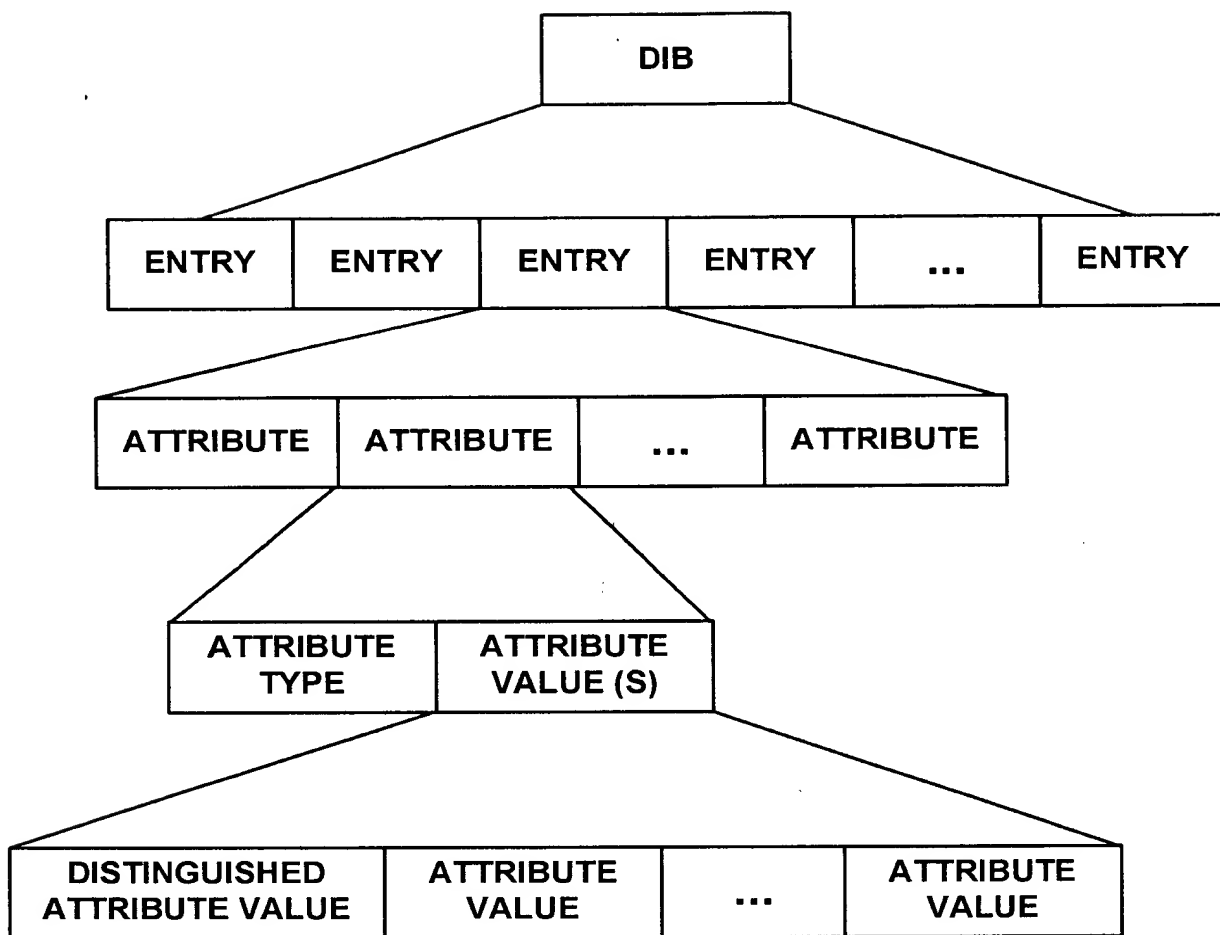
FIGURE 1

FIGURE 2

FIGURE 3

FIGURE 4

FIGURE 5

```
┌──────────────────┐   RULES FOR   ┌──────────────────┐
│  DIT STRUCTURE   │─────────────▶ │       DIT        │
└──────────────────┘               └──────────────────┘
         │ USES                              ▲ BELONG TO
         ▼                                   │
┌──────────────────┐   RULES FOR   ┌──────────────────┐
│   OBJECT CLASS   │─────────────▶ │     ENTRIES      │
└──────────────────┘               └──────────────────┘
         │ USES                              ▲ BELONG TO
         ▼                                   │
┌──────────────────┐   RULES FOR   ┌──────────────────┐
│  ATTRIBUTE TYPE  │─────────────▶ │    ATTRIBUTES    │
└──────────────────┘               └──────────────────┘
         │ USES                              ▲ BELONG TO
         ▼                                   │
┌──────────────────┐   RULES FOR   ┌──────────────────┐
│ ATTRIBUTE SYNTAX │─────────────▶ │      VALUES      │
└──────────────────┘               └──────────────────┘
```
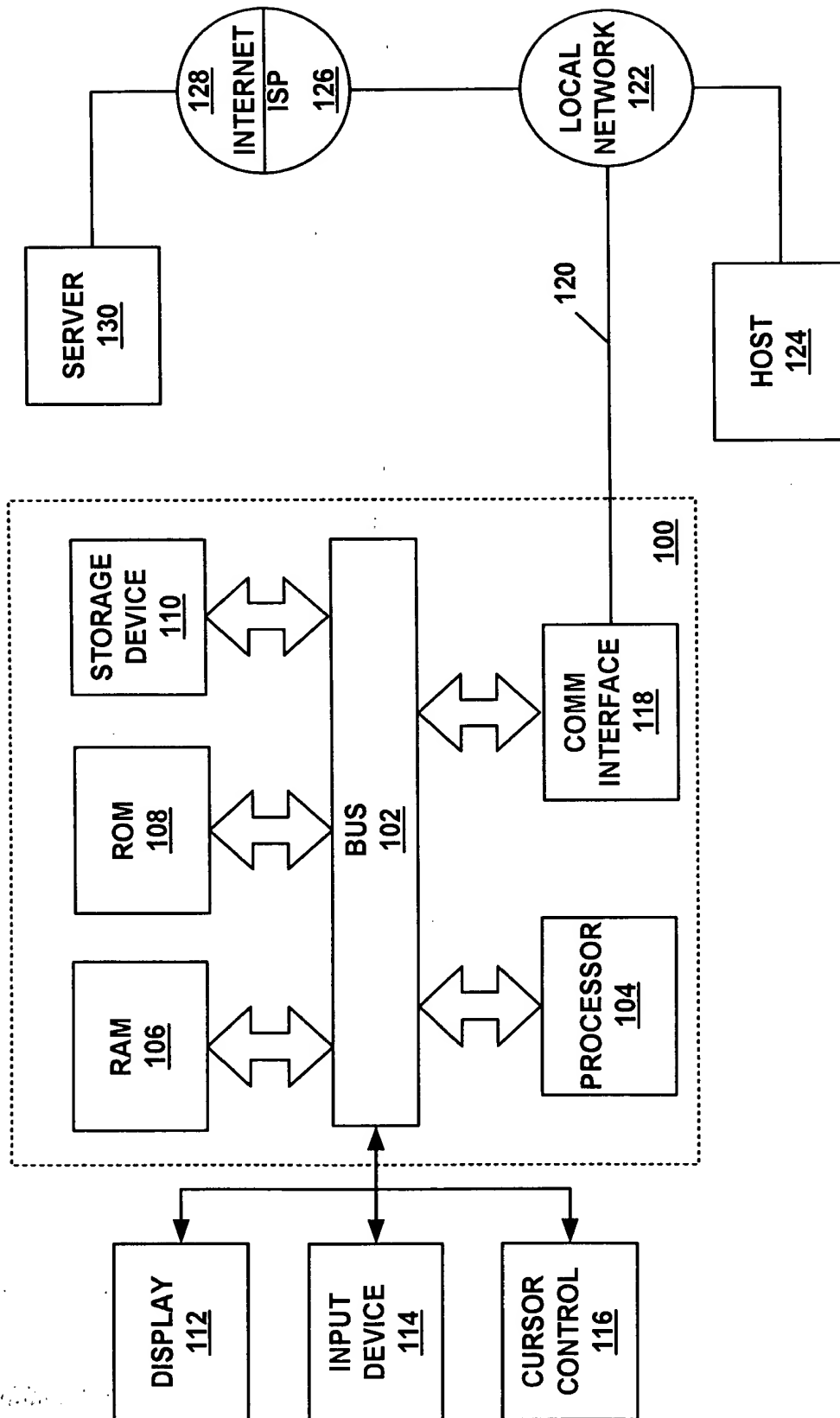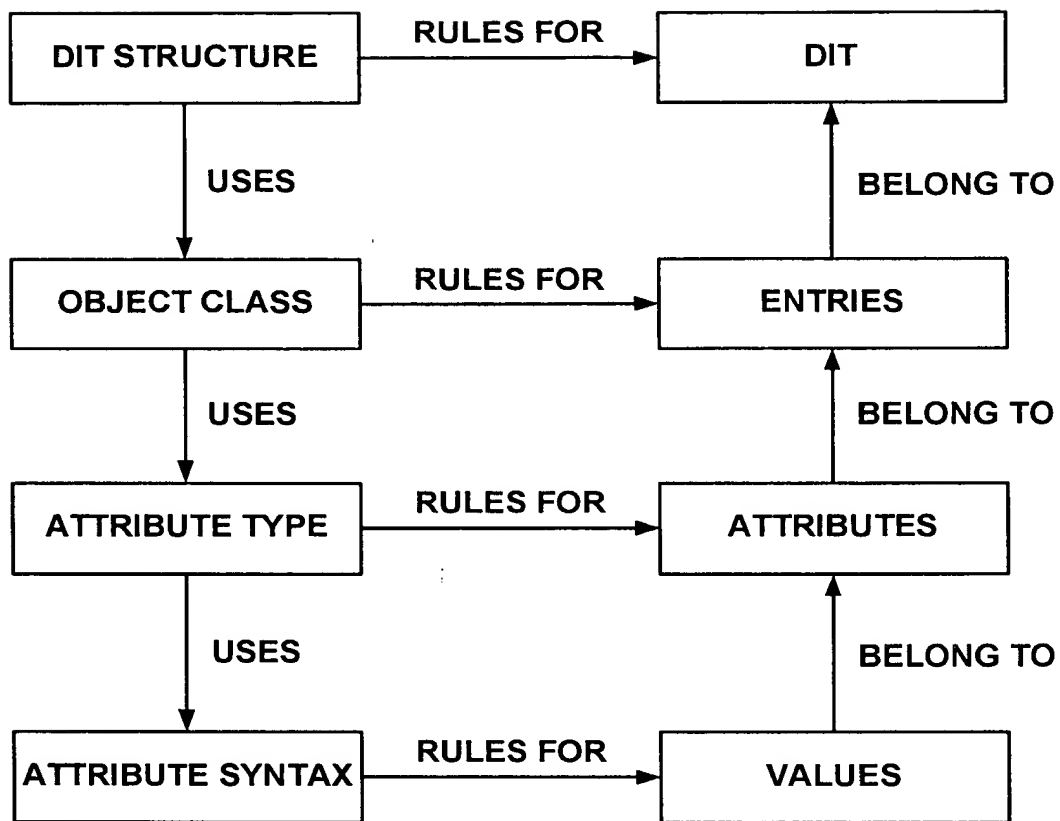
FIGURE 6

```
dn: cn=managerrole, dc=dom, dc=ain
      objectclass: top
      objectclass: LDAPsubentry
      objectclass: nsRole
      objectclass: nsSimpleRole
      objectclass: nsManagedRole
      cn: managerrole
      description: Manager Role within the Company
```

FIGURE 7

```
dn: uid=pointyhair, ou=people, dc=dom, dc=ain
        objectclass: top
        objectclass: person
        objectclass: inetorgperson
        uid: pointyhair
        gn: pointyhair
        sn: hair
        nsRoleDN: cn=managerrole, dc=dom, dc=ain
        description: Pointy Haired Manager
```

FIGURE 8

dn: cn= building12people, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsFilteredRole

cn: building12people

nsRoleFilter: building=12
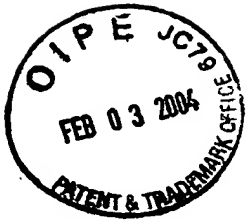
description: People who work in building 12

FIGURE 9

dn: cn=megamanagerrole, dc=dom, dc=ain

objectclass: top

objectclass: LDAPsubentry

objectclass: nsRole

objectclass: nsComplexRole

objectclass: nsNestedRole

cn: megamanagerrole

nsRoleDN: cn=managerrole, dc=dom, dc=ain

nsRoleDN: cn=networkmanager, dc=dom, dc=ain

description: Super Manager Role within the Company

FIGURE 10

```
dn: cn=peonrole, dc=dom, dc=ain
objectclass: top
objectclass: LDAPsubentry
objectclass: nsRole
objectclass: nsComplexRole
objectclass: nsEnumeratedRole
objectclass: groupofuniquenames
cn: peonrole
groupmember: uid=dboreham, ou=people, dc=dom, dc=ain
groupmember: uid=merrells, ou=people, dc=dom dc=ain
groupmember: uid=claire, ou=people, dc=dom, dc=ain
Description: Lowest of the Low Roles within the Company
```
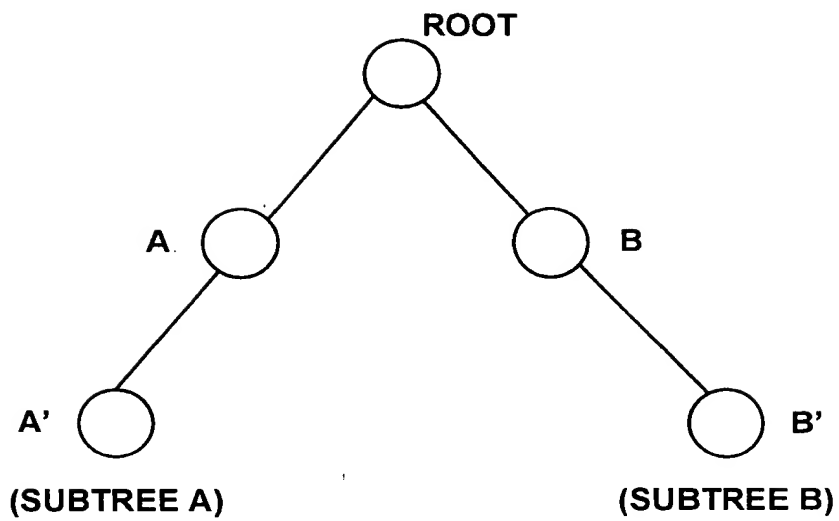
FIGURE 11

ROOT

A

B

A'
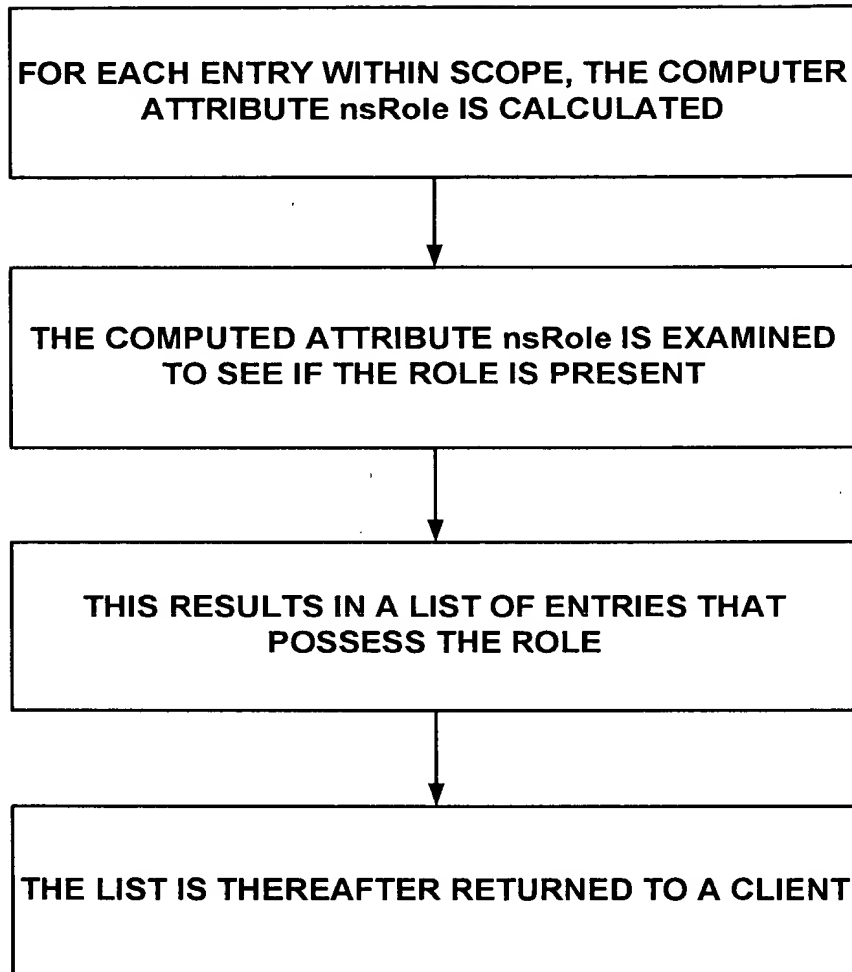
B'

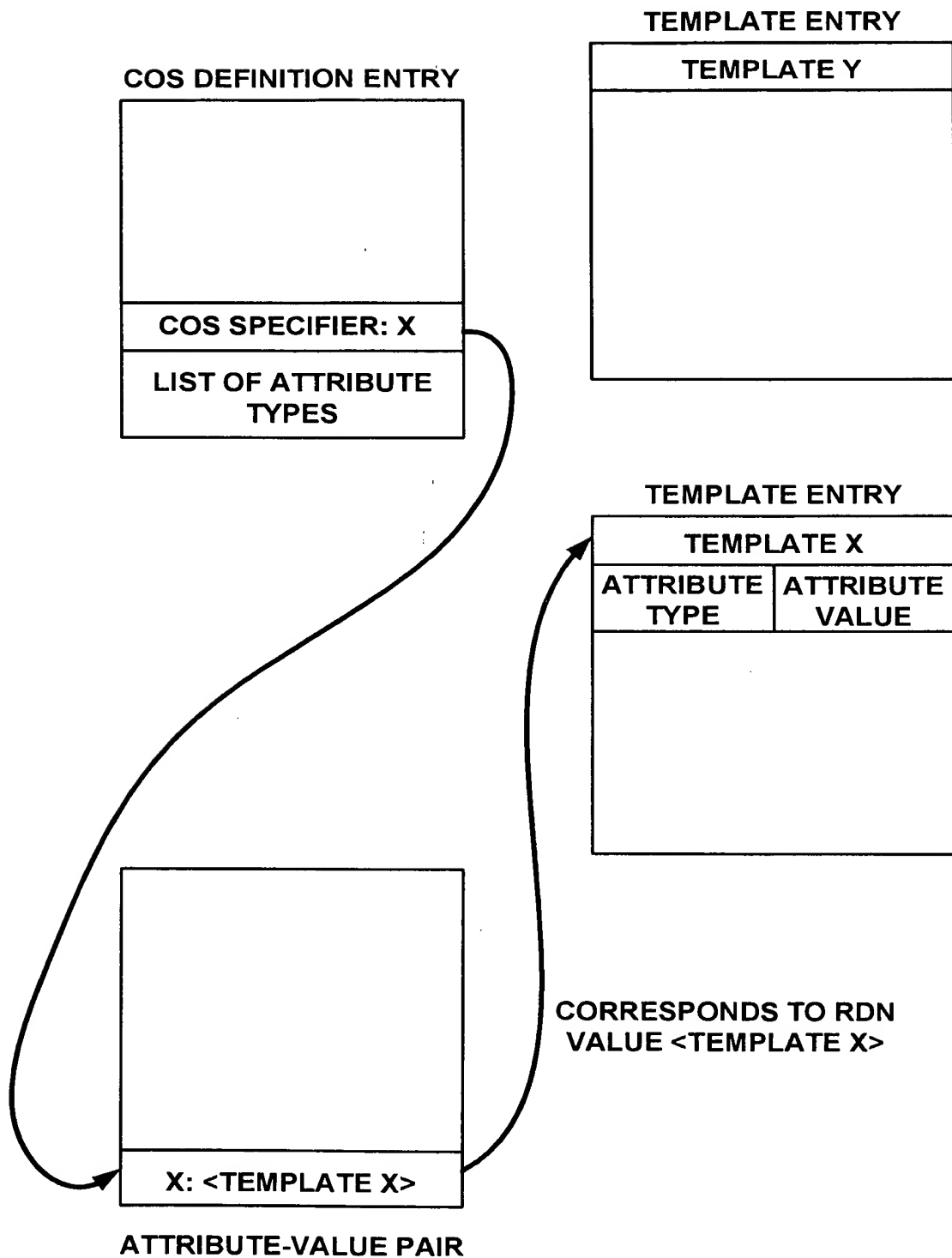(SUBTREE A)

(SUBTREE B)

FIGURE 12

FOR EACH ENTRY WITHIN SCOPE, THE COMPUTER ATTRIBUTE nsRole IS CALCULATED

THE COMPUTED ATTRIBUTE nsRole IS EXAMINED TO SEE IF THE ROLE IS PRESENT

THIS RESULTS IN A LIST OF ENTRIES THAT POSSESS THE ROLE

THE LIST IS THEREAFTER RETURNED TO A CLIENT

FIGURE 13

COS DEFINITION ENTRY

COS SPECIFIER: X

LIST OF ATTRIBUTE
TYPES

TEMPLATE ENTRY

TEMPLATE Y

TEMPLATE ENTRY

TEMPLATE X

ATTRIBUTE TYPE	ATTRIBUTE VALUE

CORRESPONDS TO RDN
VALUE <TEMPLATE X>

X: <TEMPLATE X>

ATTRIBUTE-VALUE PAIR

FIGURE 14

ROOT

C

D

C'

(SUBTREE C)

D'

(SUBTREE D)

FIGURE 15

FIGURE 16

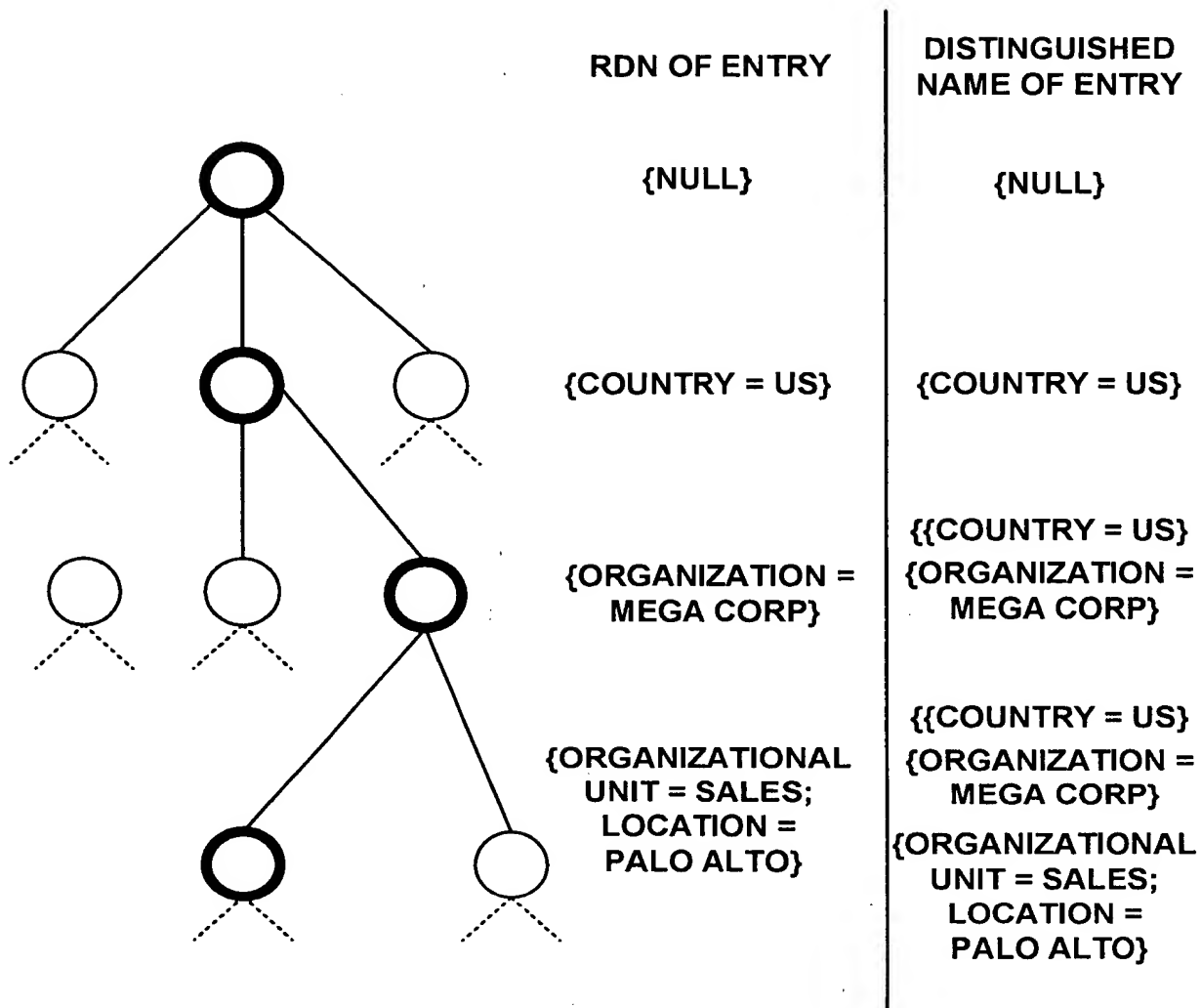|	RDN OF ENTRY	DISTINGUISHED NAME OF ENTRY
	{NULL}	{NULL}
	{COUNTRY = US}	{COUNTRY = US}
	{ORGANIZATION = MEGA CORP}	{{COUNTRY = US} {ORGANIZATION = MEGA CORP}
	{ORGANIZATIONAL UNIT = SALES; LOCATION = PALO ALTO}	{{COUNTRY = US} {ORGANIZATION = MEGA CORP} {ORGANIZATIONAL UNIT = SALES; LOCATION = PALO ALTO}

FIGURE 17

Dn:cn=messaging_server_cos, ou=people, o=acme

    objectclass: top

    objectclass: LDAPSubentry

    objectclass: cosSuperDefinition

    objectclass: cosClassicDefinition

    cosTemplate

Dn:cn=MailServerCOS, cn=LocalConfig, o=NetscapeRoot

    cosSpecifier: mailServiceClass

    cosAttribute: mailboxquota

    cosAttribute: maysendexternalmail

FIGURE 18

```
dn: cn=user, cn=MailServerCos, cn=LocalConfig, o=NetscapeRoot
objectclass: top
objectclass: mailserveruser
objectclass: cosTemplate
mailboxquota: 10000000
maysendexternalmail: TRUE
dn: cn=guest, cn=MailServerCos, cn=LocalConfig, o=NetscapeRoot
objectclass: top
objectclass: mailserveruser
objectclass: cosTemplate
mailboxquota: 1000000
maysendexternalmail: FALSE
```
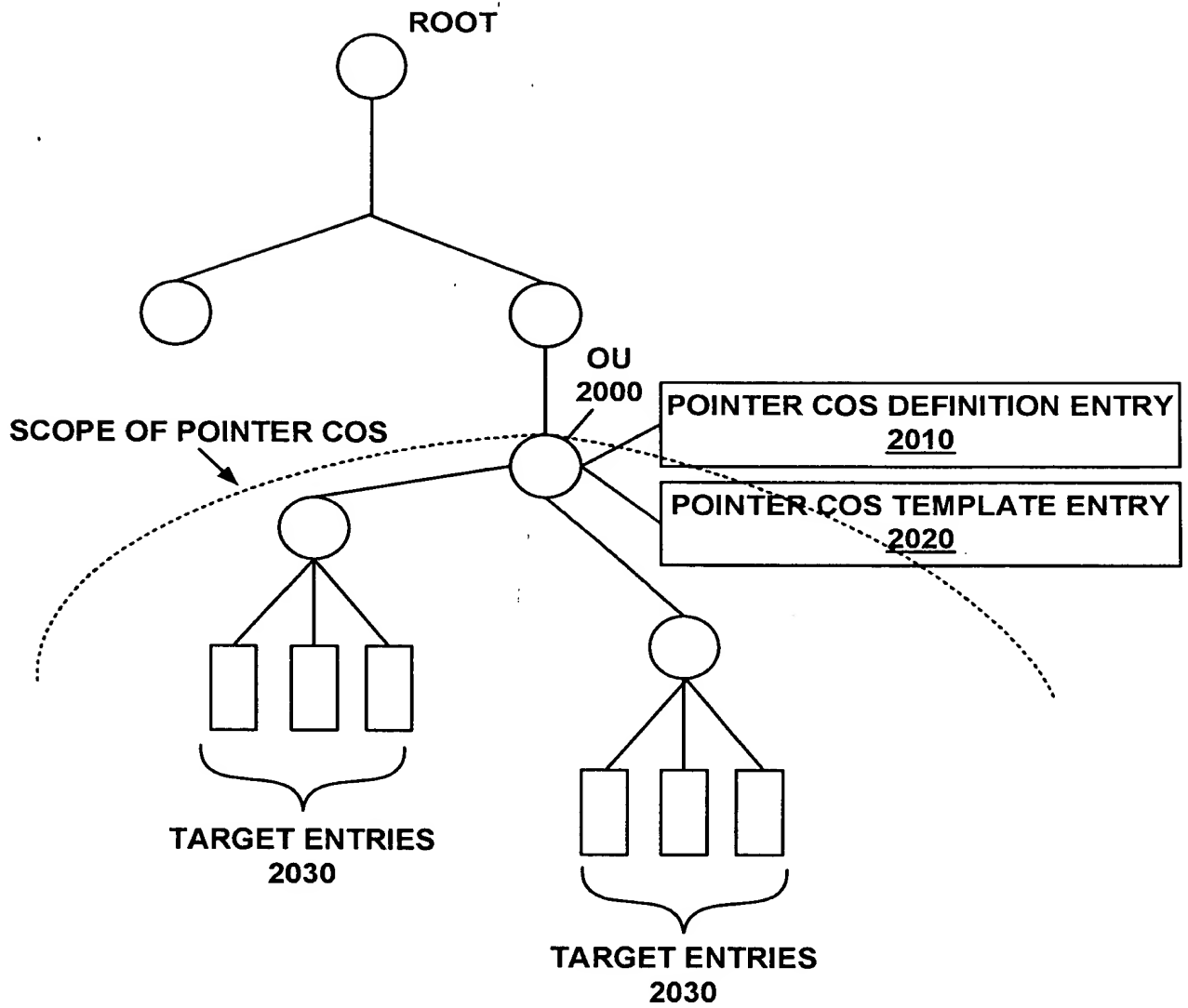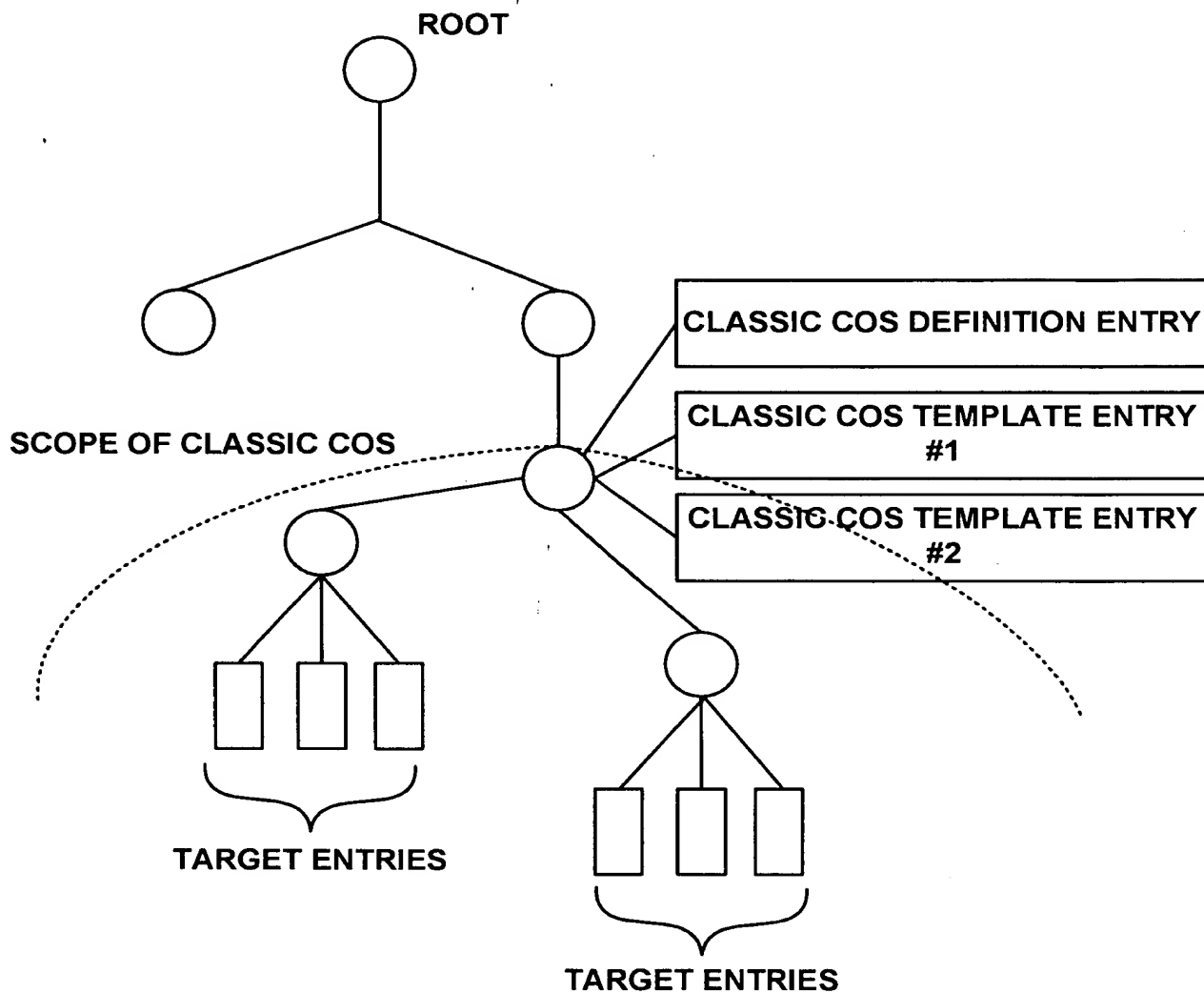
FIGURE 19

ROOT

SCOPE OF POINTER COS

OU
2000

POINTER COS DEFINITION ENTRY
2010

POINTER COS TEMPLATE ENTRY
2020

TARGET ENTRIES
2030

TARGET ENTRIES
2030

FIGURE 20

ROOT

CLASSIC COS DEFINITION ENTRY

CLASSIC COS TEMPLATE ENTRY
#1

CLASSIC COS TEMPLATE ENTRY
#2

SCOPE OF CLASSIC COS

TARGET ENTRIES

TARGET ENTRIES

FIGURE 21

dn: cn=messaging_server_cos, ou=people, o=acme

objectclass: top

objectclass: LDAPSubentry

objectclass: cosSuperDefinition

objectclass: cosPointerDefinition

cosTemplateDn: ou=people, o=acme

cosAttribute: facsimilieTelephoneNumber default

FIGURE 22
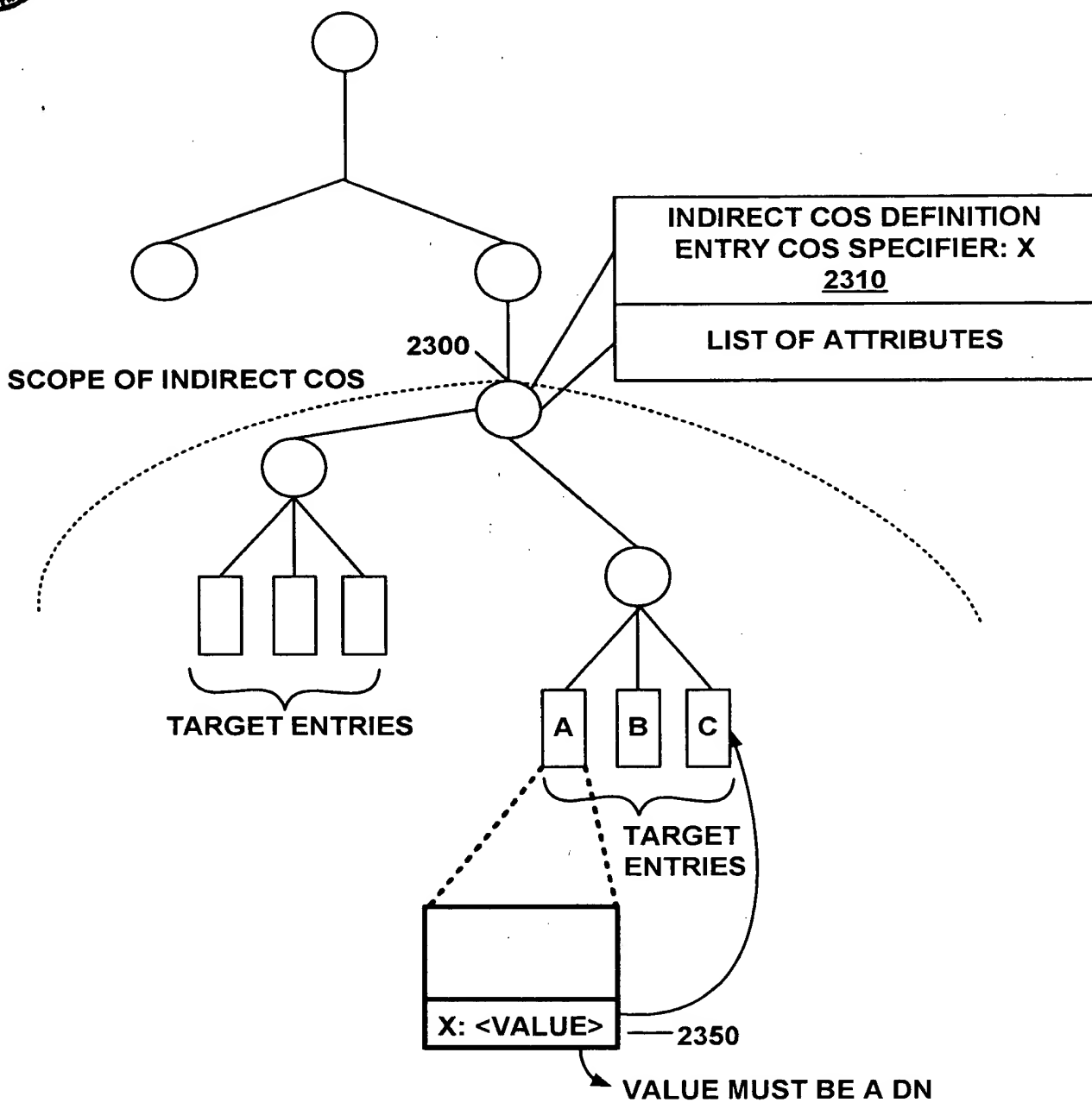
FIGURE 23

```
dn: cn=messaging_server_cos, ou=people, o=acme
objectclass: top
objectclass: LDAPSubentry
objectclass: cosSuperDefinition
objectclass: cosIndirectDefinition
cosIndirectSpecifier: manager
cosAttribute: accountingCode
```

FIGURE 24